

Having thus defined the invention, the following is claimed:

1. A mechanical power switch for selectively connecting a power source to an input power supply where said power source has an override circuit to deactivate or disable said power source when in a first condition and allowing activation or enable of said power source when in a second condition, said power switch having electrical contacts movable between an open condition with said power source electrically disconnected from said power supply and a closed condition with said power source electrically connected to said power supply and an operating lever movable between a first position with said switch in said open condition and a second position with said switch in said closed condition, said switch also having an auxiliary switch in said override circuit with a movable element having a first orientation to shift said override circuit into said first deactivate condition and a second orientation to shift said override circuit into said second activate condition, and said power switch lever causing said movable element to move into said first orientation before said lever moves to said first position but during movement of said lever from said second position to said first position.

2. A power switch as defined in claim 1 wherein said element moves to said first orientation when said lever moves from said second position toward said first position a set amount.

3. A power switch as defined in claim 2 wherein said auxiliary switch is a microswitch with an actuator constituting said movable element.

4. A power switch as defined in claim 1 wherein said auxiliary switch is a microswitch with an actuator constituting said movable element.

5. A power switch as defined in claim 4 wherein switch element causes said movable element to move into said second orientation before said lever moves to said second position during movement of said lever from said first position to said second position.

6. A power switch as defined in claim 3 wherein switch element causes said movable element to move into said second orientation before said lever moves to said second position during movement of said lever from said first position to said second position.

7. A power switch as defined in claim 2 wherein switch element causes said movable element to move into said second orientation before said lever moves to said second position during movement of said lever from said first position to said second position.

8. A power switch as defined in claim 1 wherein switch element causes said movable element to move into said second orientation before said lever moves to said second position during movement of said lever from said first position to said second position.

9. A power switch as defined in claim 8 wherein said operating lever is a toggle lever to toggle between said first and second positions.

10. A power switch as defined in claim 7 wherein said operating lever is a toggle lever to toggle between said first and second positions.

11. A power switch as defined in claim 6 wherein said operating lever is a toggle lever to toggle between said first and second positions.

12. A power switch as defined in claim 5 wherein said operating lever is a toggle lever to toggle between said first and second positions.

13. A power switch as defined in claim 4 wherein said operating lever is a toggle lever to toggle between said fist and second positions.

14. A power switch as defined in claim 3 wherein said operating lever is a toggle lever to toggle between said fist and second positions.

15. A power switch as defined in claim 2 wherein said operating lever is a toggle lever to toggle between said fist and second positions.

16. A power switch as defined in claim 1 wherein said operating lever is a toggle lever to toggle between said first and second positions.

17. A power switch as defined in claim 16 wherein said power source is attached to an electric arc welder.

18. A power switch as defined in claim 15 wherein said power source is attached to an electric arc welder.

19. A power switch as defined in claim 8 wherein said power source is attached to an electric arc welder.

20. A power switch as defined in claim 4 wherein said power source is attached to an electric arc welder.

21. A power switch as defined in claim 3 wherein said power source is attached to an electric arc welder.

22. A power switch as defined in claim 2 wherein said power source is attached to an electric arc welder.

23. A power switch as defined in claim 1 wherein said power source is attached to an electric arc welder.

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24. A mechanical power switch for selectively connecting a power source to an input power supply, said switch having an operating lever movable between a connecting position and a disconnecting position, an auxiliary switch with a first condition deactivating the power source and second condition activating said power source and a movable element for shifting between said conditions, said power switch lever having an extension engaging said element when said lever is in said connecting position to shift said element into said second condition and disengaging said element when said lever is moved from said connecting position toward said disconnecting position.

25. A power switch as defined in claim 24 wherein said auxiliary switch is a microswitch with an actuator constituting said movable element.

26. A power switch as defined in claim 25 wherein said operating lever is a toggle lever to toggle between said fist and second positions.

27. A power switch as defined in claim 24 wherein said operating lever is a toggle lever to toggle between said fist and second positions.

28. A power switch as defined in claim 27 wherein said power source is attached to an electric arc welder.

29. A power switch as defined in claim 26 wherein said power source is attached to an electric arc welder.

30. A power switch as defined in claim 25 wherein said power source is attached to an electric arc welder.

31. A power switch as defined in claim 24 wherein said power source is attached to an electric arc welder.

32. A power switch as defined in claim 31 wherein said power supply is a single phase AC line.

33. A power switch as defined in claim 30 wherein said power supply is a single phase AC line.

34. A power switch as defined in claim 29 wherein said power supply is a single phase AC line.

35. A power switch as defined in claim 28 wherein said power supply is a single phase AC line.

36. A power switch as defined in claim 24 wherein said power supply is a single phase AC line.